



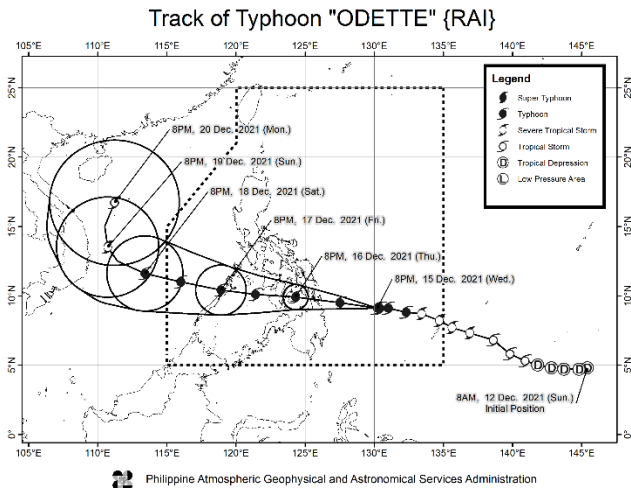
TROPICAL CYCLONE BULLETIN NO. 6
Typhoon "ODETTE"

Issued at 11:00 PM, 15 December 2021

Valid for broadcast until the next bulletin at 2:00 AM tomorrow

TYPHOON "ODETTE" SLIGHTLY INTENSIFIES WHILE DECELERATING WESTWARD.

Location of Center (10:00 PM)
The center of the eye of Typhoon "ODETTE" was estimated based on all available data at 470 km East of Surigao City, Surigao del Norte (9.1°N, 129.7°E)
Intensity
Maximum sustained winds of 140 km/h near the center, gustiness of up to 170 km/h , and central pressure of 965 hPa
Present Movement
Westward at 15 km/h
Extent of Tropical Cyclone Winds
Strong winds or higher extend outwards up to 400 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 AM 16 December 2021	9.5	127.5	225 km East of Surigao City, Surigao del Norte	155	TY	W 25
24-Hour Forecast 8:00 PM 16 December 2021	9.9	124.3	In the vicinity of Dagohoy, Bohol	150	TY	W 30
36-Hour Forecast 8:00 AM 17 December 2021	10.1	121.4	95 km South Southeast of Cuyo, Palawan	140	TY	W 25
48-Hour Forecast 8:00 PM 17 December 2021	10.4	118.9	Over the coastal waters of San Vicente, Palawan	140	TY	W 25
60-Hour Forecast 8:00 AM 18 December 2021	11.0	116.0	210 km East of Pag-asa Island, Kalayaan, Palawan	150	TY	WNW 25
72-Hour Forecast 8:00 PM 19 December 2021	11.6	113.4	100 km Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	150	TY	WNW 25
96-Hour Forecast 8:00 PM 20 December 2021	13.5	110.7	465 km Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	110	STS	NW 15
120-Hour Forecast 8:00 PM 21 December 2021	16.7	111.2	980 km West of Northern Luzon (outside the PAR)	85	TS	N 15

Prepared by: *RPG*

Checked by: *SFD*



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<p>3 (Destructive typhoon-force winds prevailing or expected within 18 hours)</p>	-	-	<p>Dinagat Islands, Surigao del Norte, the northern portion of Agusan del Norte (<i>Tubay, Santiago, Jabonga, Kitcharao</i>), and the northern portion of Surigao del Sur (<i>Carrascal, Cantilan, Madrid, Carmen, Lanuza, Cortes</i>)</p>
<p>2 (Damaging gale- to storm-force winds prevailing or expected within 24 hours)</p>	<p>The southeastern portion of Masbate (<i>Cataingan, Pio V. Corpuz, Esperanza, Placer</i>)</p>	<p>The central and southern portions of Eastern Samar (<i>Guiuan, Salcedo, Quinapondan, Giporlos, Balangiga, Lawaan, General Macarthur, Hernani, Llorente, Balangkayan, Maydolong, City of Borongan, San Julian, Sulat, Taft, Can-Avid, Mercedes</i>), the central and southern portions of Samar (<i>Marabut, Basey, Santa Rita, Villareal, Pinabacdao, Calbiga, Hinabangan, Paranas, Motiong, Jiabong, City of Catbalogan, San Sebastian, Zumarraga, Daram, Talalora, San Jorge, Tarangnan, Pagsanghan, Santo Niño, Almagro, Tagapul-An</i>), Biliran, Leyte, Southern Leyte, Cebu, Bohol, Negros Oriental, Siquijor, Negros Occidental, Guimaras, and the eastern portion of Iloilo (<i>Carles, Balasan, Batad, Estancia, San Dionisio, Concepcion, Sara, Ajuy, Lemery, San Rafael, Banate, Anilao, Barotac Viejo, Barotac Nuevo, Dumangas</i>)</p>	<p>The rest of Surigao del Sur, the rest of Agusan del Norte, Agusan del Sur, the northern portion of Bukidnon (<i>Malitbog, Impasug-Ong, Manolo Fortich</i>), the eastern and central portions of Misamis Oriental (<i>Tagoloan, Villanueva, Jasaan, Claveria, Balingasag, Lagonglong, Balingoan, Talisayan, Medina, Gingoog City, Magsaysay, Kinoguitan, Sugbongcogon, Binuangan, Salay, Cagayan de Oro City, Opol, City of El Salvador, Alubijid, Laguindingan, Gitagum, Libertad</i>), and Camiguin</p>



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TCWS No.	Luzon	Visayas	Mindanao
1 (Strong winds prevailing or expected within 36 hours)	<p>Catanduanes, Camarines Sur, Albay, Sorsogon, the rest of Masbate including Ticao and Burias Islands, Marinduque, Romblon, the southern portion of Quezon (<i>San Antonio, Tiaong, Candelaria, Sariaya, Dolores, Lucena City, Pagbilao, Padre Burgos, Atimonan, Agdangan, Unisan, Gumaca, Plaridel, Pitogo, Lopez, Guinayangan, Buenavista, Catanauan, General Luna, Macalelon, Mulanay, San Narciso, San Andres, San Francisco</i>), the southern portion of Batangas (<i>San Juan, Lobo, Taysan, Rosario, Padre Garcia, Ibaan, Batangas City, San Pascual, San Luis, Bauan, Mabini, Tingloy, Calatagan</i>), Oriental Mindoro, Occidental Mindoro, and the northern and central portions of Palawan (<i>San Vicente, Roxas, Taytay, Dumaran, Araceli, El Nido, Puerto Princesa City</i>) including Calamian, Cagayancillo and Cuyo Islands</p>	<p>Northern Samar, the rest of Eastern Samar, the rest of Samar, Aklan, Antique, Capiz, and the rest of Iloilo</p>	<p>The northern portion of Davao Oriental (<i>Boston, Cateel</i>), the northern portion of Davao de Oro (<i>Monkayo, Compostela, Montevista, Laak</i>), the northern portion of Davao del Norte (<i>San Isidro, Kapalong</i>), the rest of Misamis Oriental, Misamis Occidental, the central portion of Bukidnon (<i>Talakag, Lantapan, City of Valencia, City of Malaybalay, San Fernando, Cabanglasan, Libona, Baungon, Sumilao</i>), the northern portion of Lanao del Norte (<i>Baroy, Tubod, Kolabugan, Magsaysay, Tangcal, Munai, Maigo, Bacolod, Kauswagan, Poona Piagapo, Pantao Ragat, Matungao, Baloi, Iligan City, Linamon, Tagoloan, Pantar</i>), the northern portion of Lanao del Sur (<i>Madalum, Bacolod-Kalawi, Tugaya, Balindong, Piagapo, Saguiaran, Marantao, Marawi City, Kapai, Tagoloan II, Bubong, Ditsaan-Ramain, Buadiposo-Buntong</i>), the northern portion of Zamboanga del Norte (<i>Labason, Kalawit, Tampilisan, Liloy, Salug, Godod, Bacungan, Sindangan, Siayan, Jose Dalman, Manukan, Pres. Manuel A. Roxas, Katipunan, Sergio Osmeña Sr., Dipolog City, Polanco, Piñan, Mutia, La Libertad, Dapitan City, Sibutad, Rizal, Gutalac, Baliguian</i>), and the northern portion of Zamboanga del Sur (<i>Dumingag, Ramon Magsaysay, Midsalip, Sominot, Mahayag, Molave, Josefina, Tambulig</i>)</p>



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- **Tonight through tomorrow evening:** Heavy to intense with at times torrential rains over Caraga, Misamis Oriental, Camiguin, Southern Leyte, and Bohol. Moderate to heavy with at times intense rains over Leyte, the southern portion of Eastern Samar, Leyte, Cebu, Siquijor, Negros Oriental, Zamboanga del Norte, Lanao del Sur, and the rest of Northern Mindanao. Light to moderate with at times heavy rains over Bicol Region, Davao Oriental, Davao de Oro, Davao del Norte, and the rest of Visayas, Zamboanga Peninsula, and mainland Bangsamoro.
- **Tomorrow evening through Friday evening:** Heavy to intense with at times torrential rains over Central Visayas, Western Visayas, and Palawan including Calamian Islands, Cuyo, and Cagayancillo Islands. Moderate to heavy with at times intense rains over Bicol Region, Zamboanga Peninsula, Occidental Mindoro, Oriental Mindoro, Romblon, Lanao del Norte, Lanao del Sur, and the rest of Visayas. Light to moderate with at times heavy rains over Caraga, Quezon, the southern portion of Aurora, and the rest of Northern Mindanao and MIMAROPA.
- **Friday evening through Saturday evening:** Heavy to intense with at times torrential over the central portion of Palawan including Kalayaan Islands. Moderate to heavy rains over Aurora, Quezon, and the rest of Palawan.
- Under these conditions, **scattered to widespread flooding (including flash floods) and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall.

Severe Winds

- Destructive typhoon-force winds will be experienced within any of the areas where TCWS #3 is in effect. This may bring moderate to heavy damage to structures and vegetation.
- Damaging winds reaching gale- to storm-force strength will be experienced within any of the areas where TCWS #2 is in effect. This may result in generally light to moderate damage to structures and vegetation.
- Strong winds (strong breeze to near gale) with higher gusts will be experienced within any of the areas where TCWS #1 is currently in effect during the passage of the typhoon. This may generally bring up to very light damage to structures and vegetation.

Coastal Inundation

There is a moderate to high risk of storm surge of up to 3.0 m in height which may cause flooding in the low-lying coastal localities of Surigao del Norte, Dinagat Islands, Agusan del Norte, Eastern Samar, Southern Leyte, Negros Occidental, Guimaras, and some localities in Camiguin, Central Visayas, Panay Island, and the northern portion of Palawan. For more information, refer to Storm Surge Warning #1 issued at 8:00 PM today.

HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, moderate to very high seas (1.2 to 10.0 m) will be experienced over the seaboard of areas where TCWS is in effect (especially in the open sea areas). **These conditions are risky for all types of sea vessels.** Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Under the influence of Typhoon "ODETTE" and the prevailing Northeast Monsoon, a **Gale Warning remains in effect** for several coastal waters not under any wind signal, specifically the seaboard of Northern Luzon, the eastern seaboard of Central Luzon, and the eastern seaboard of Southern Luzon and Mindanao, and the eastern seaboard of Mindanao not under any wind signal. For more information, refer to Gale Warning #48 (Intermediate) issued at 11:00 PM today.
- In the next 24 hours, moderate to rough seas (1.2 to 3.1 m) will also prevail over the remaining seaboard of the country that are not under any wind signal. **These conditions are risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.



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TRACK AND INTENSITY OUTLOOK

- On the forecast track, Typhoon "ODETTE" will move westward over the Philippine Sea and the center of its eye is forecast to make landfall either in the vicinity of Surigao Provinces-Dinagat Islands area or the southern portion of Eastern Visayas tomorrow afternoon. Afterwards, the center of "ODETTE" will continue moving generally westward and cross several provinces in Central and Western Visayas regions before emerging over the Sulu Sea on Friday morning. After passing near or in the vicinity of either Cuyo or Cagayancillo archipelago, this tropical cyclone is forecast to cross the northern or central portion of Palawan on Friday afternoon or evening before emerging over the West Philippine Sea.
- Further intensification is expected today through tomorrow as the typhoon crosses the Philippine Sea and may reach a peak intensity of 155 km/h prior to making landfall tomorrow afternoon. This tropical cyclone may see some slight weakening as it crosses northeastern Mindanao, Visayas, and Palawan, but it is forecast to remain within the typhoon category. Re-intensification is likely once "ODETTE" emerges over the West Philippine Sea. However, weakening may ensue beginning Sunday as the typhoon becomes exposed to increasing vertical wind shear and the surge of the Northeast Monsoon.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 2:00 AM tomorrow.

DOST-PAGASA